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71 Applicant: **S.C. JOHNSON & SON, INC.**
1525 Howe Street
Racine, Wisconsin 53403(US)

72 Inventor: **Frazer, Glenn R.**
2012 - 28th. Street
Kenosha Wisconsin 53140(US)

74 Representative: **Baillie, Iain Cameron et al**
c/o Ladas & Parry Isartorplatz 5
W-8000 München 2(DE)

54 **Aqueous pressure sensitive adhesive compositions.**

57 The present invention provides for a method for preparing a reaction mixture which contains an aqueous pressure-sensitive adhesive composition, utilizing an emulsion-polymerization reaction, wherein emulsion particles form upon initiation of the emulsion-polymerization reaction, the method characterized by the steps of:

combining, in a reactor, initial-feed ingredients comprising water and an emulsion-polymerization surfactant;

agitating the reactor contents and subjecting the reactor contents to an inert atmosphere;

heating the agitated reactor contents to a predetermined reaction temperature;

adding into the agitated reactor monomer-feed ingredients comprising an emulsion-polymerizable monomer mixture and an effective amount of an initiator for initiating the emulsion-polymerization reaction wherein either the initial-feed ingredients or the monomer-feed ingredients further comprise an effective amount of a stabilizer for preventing coagulation of the emulsion particles; and adding to the agitated reactor, prior to completion of the emulsion-polymerization reaction, an effective amount of a polymeric resin soluble or dispersible in water or in alkali, and having a number average molecular weight of about 1,000 to about 20,000, for producing in the reactor a reaction mixture containing an aque-

ous pressure-sensitive adhesive composition having an adhesive value of at least 6.6 ounces per linear inch as well as the improved emulsion pressure sensitive adhesive compositions formed thereby.

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**EUROPEAN SEARCH
REPORT**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	EP-A-0 144 723 (AIR PRODUCTS) * Claim 1 * - - -	1-18	C 08 F 2/24 C 09 J 157/00
A	DE-A-1 921 946 (BASF) * Claim 1 * - - -	1	
A	US-A-3 458 466 (W.J. LEE) * Claim 1 * - - - - -	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 08 F
Place of search		Date of completion of search	Examiner
The Hague		12 March 91	CAUWENBERG C.L.M.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</p> <p>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document</p>			